



## INNOVATIVE STORMWATER DESIGNS & INTEGRATING RECLAIMED WATER INTO WATER SUPPLY -A Full-Day Seminar For South Florida

### DATE & TIME:

November, 16, 2006  
7:30am to 5pm  
(7:30am Registration)

### LOCATION:

Signature Grand  
6900 State Rd 84 • Davie, FL 33317  
Phone: 954.424.4000  
[www.thesignaturegrand.com](http://www.thesignaturegrand.com)

### DIRECTIONS:

Take I-595 and exit University Blvd.  
South, go East on SR 84 (*first traffic light*) for a couple of blocks.  
Signature Grand is at your left.

### HOTEL INFORMATION:

Please visit [Hotels In The Area](#)

### SPONSORS:

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### ORGANIZERS:

- [Broward County Florida](#)
- [Carollo Engineers](#)
- [FL Assoc. Of Environ. Professionals South Florida Chapter](#)
- [Florida Atlantic University](#)
- [FS/AWWA](#)
- [Palm Beach County Water Utilities](#)
- [South Florida Water Mgmt. District](#)

The South Florida Water Management District, the South Florida Association of Environmental Professionals and Broward County in cooperation with Florida Atlantic University, Palm Beach Utilities, Miami-Dade Department of Environmental Resources Management and Carollo Engineers are pleased to host one full day workshop on November 16, 2006 that focuses on storm water quality issues and beneficial reclaimed water utilization in Southeast Florida. Topics will include innovative storm water system design, Total Maximum Daily Load, surface canals, reclaimed water as an alternative water supply and the use of reclaimed water to meet existing and future water needs.

### WORKSHOP HIGHLIGHTS:

- Erosion and sediment controls
- Comparison of stormwater BMPs
- Local stormwater project case studies
- South Florida – Group 4 TMDLs update
- Water quality banking
- Update on reuse in Florida
- The latest information on advanced wastewater treatment systems
- Using reclaimed water to supplement existing water supplies or satisfy future water needs

### PRESENTERS:

The workshop is presented by nationally recognized experts in stormwater management, advanced reclaimed water treatment technologies, wetland rehydration and flow augmentation, water reuse and reflecting areas of critical importance to surface water quality.

### WHO SHOULD ATTEND?

The workshop will benefit consultants, state and federal regulators, engineers, water facility operators, architects, planners, students, faculty, elected officials, and utility managers and local government staff responsible for developing and implementing water quality and alternative water supply initiatives.

### REGISTRATION:

Early registration is strongly advised for this Workshop as seating is limited, applications will be accepted in the order they are received.

- \$45 per person (early registration before November 1, 2006)
- \$60 per person (after November 1, 2006)

Registration fee includes continental breakfast, breaks, lunch, reception and all conference materials.

### PLEASE SEND CHECKS PAYABLE TO:

SFAEP  
PO Box 11348  
Miami, FL 33101-1348  
(registration form on page 3)

### REGISTER ON-LINE!

To register on line before November 1, 2006. Visit [www.acteva.com](http://www.acteva.com)  
(an additional fee applies).



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### AGENDA • NOVEMBER 16, 2006

|           |   |  |
|-----------|---|--|
| 7:30 am   | Registration-Continental Breakfast  |  |
| 8 am      | Welcome and Opening comments  | Miya Burt-Stewart, <i>SFWMD Governing Board Member</i><br>Kristin Jacobs, <i>Broward County Commissioner</i> |
| 8:10 am   | Morning Session Overview  | Carla Palmer, <i>P.E., SFWMD</i>   |
| 8:15 am   | Low Impact Development Strategies   | Eric Livingston, <i>FDEP</i>   |
| 9:15 am   | Green Roofs and Stormwater Reuse  | Martin Wanielista, <i>Ph. D., P.E., University of Central Florida</i>  |
| 9:55 am   | TMDL update in South Florida  | Kevin Carter, <i>Broward County EPD</i><br>Steve Blair, <i>Miami-Dade DERM</i>                               |
| 10:15 am  | Break   |  |
| 10:40 am  | Innovative Stormwater Designs<br>Within TMDL Programs                                     | Gary Goforth, <i>Ph. D., P.E., Gary Goforth, Inc.</i>  |
| 11:10 am  | Water Quality Banking Concepts  | Carla Palmer, <i>P.E., SFWMD</i>   |
| 11:40 am  | Local Broward Stormwater Projects   | Martin Wanielista, <i>Ph D., P.E., University of Central Florida</i>   |
| Noon      | Morning Session Summary   | Carla Palmer, <i>P.E., SFWMD</i>   |
| Noon-1 pm | Lunch featuring Keynote Speaker: Advanced<br>Wastewater Treatment Research, Trends, Costs | Andrew Salvesson, <i>P.E., Carollo Engineers</i>   |
| 1 pm      | Afternoon Session Overview  | Carlyn Kowalsky, <i>Esq., SFWMD</i>  |
| 1:05 pm   | Reuse Objectives for South Florida  | Carol Wehle, <i>SFWMD Executive Director</i>   |
| 1:15 pm   | Reuse in the State of Florida   | David York, <i>Ph. D., P.E., Florida DEP</i>   |
| 1:45 pm   | Orange County (California) Water District Ground<br>Water (OCWD) Replenishment System     | Michael Markus, <i>OCWD-California</i>   |
| 2:30 pm   | Implementing Reuse in Urbanized Areas   | Tracy Clinton, <i>P.E., Carollo Engineers</i>  |
| 3 pm      | Break   |  |
| 3:15 pm   | Tampa Downstream Augmentation Project   | Phil Waller, <i>MWH</i>  |
| 3:45 pm   | Wakodahatchee & Green Cay Wetlands  | Brian Shields, <i>P.E., Palm Beach County Utilities</i>  |
| 4:15 pm   | Panel Discussion  |  |
| 5 pm      | Adjourn   |  |



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INTO WATER SUPPLY** -A Full-Day Seminar For South Florida

REGISTRATION FORM: \_\_\_\_\_

**IMPORTANT:** *The following information must be provided and mailed  
along with your check to the address at the bottom.*

\_\_\_\_\_

Name: \_\_\_\_\_

Title: \_\_\_\_\_

Company: \_\_\_\_\_

Address: \_\_\_\_\_

City/State/Zip: \_\_\_\_\_

Telephone: \_\_\_\_\_

Fax: \_\_\_\_\_

Email: \_\_\_\_\_

If payment has not been received prior to the registration deadline date, a cash or check payment will be required on-site.

**MAIL CHECK (SFAEP) WITH COMPLETED REGISTRATION FORM TO:**

SFAEP

PO Box 11348

Miami, FL 33101-1348